BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : MAINTENANCE AND REPAIR WORKS AT PRIMARY HEALTH CENTER AT JAKKUR IN WARD No. 05

WORK SLIP

Approved Amount: 3568724

Name of Contractor:- Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Banglore-560 060

Tender premium:- +4.92% (Above)

| Sl. No. | Description of Work | Unit | Qty as per Quoted Rate | | | Total Executed Quantity | Qty. upto 125% | | | Qty. above 125% | | | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rates | Amount | | Qty. | Rates | Amount | Qty. | Rates | Amt | | | | |
| 1 | KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per specifications and the directions of the Engineer-in-charge | Cum | 7.17 | 508.78 | 3647.95 | 8.51 | 8.51 | 508.78 | 4330.00 | 0.00 | 5516.24 | 0.00 | 4330.00 | 682.05 | | |
| 3 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8( M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3 | Cum | 1.14 | 5781.26 | 6590.64 | 2.56 | 1.43 | 5781.26 | 8238.30 | 1.13 | 6204.24 | 7029.79 | 15268.08 | 8677.45 | | |
| 4 | KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6 | Cum | 0.57 | 6143.86 | 3502.00 | 2.02 | 0.71 | 6143.86 | 4377.50 | 1.31 | 6707.84 | 8758.76 | 13136.26 | 9634.26 | | |
| 6 | KSRB 2.3 : Filling available excavated earth ( excluding rock ) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications and the directions of the Engineer-in-charge | Cum | 1.07 | 227.76 | 243.70 | 0.88 | 0.88 | 227.76 | 199.96 | 0.00 | 1067.41 | 0.00 | 199.96 | -43.74 | | |
| 7 | Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4 | Cum | 6.1 | 70.39 | 429.38 | 7.63 | 7.63 | 70.39 | 536.72 | 0.01 | 0.00 | 0.00 | 536.72 | 107.34 | | |
| 11 | KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2 | Sqm | 72.78 | 453.25 | 32987.54 | 90.48 | 90.48 | 453.25 | 41007.79 | 0.00 | 0.00 | 0.00 | 41007.79 | 8020.26 | | |
| 12 | KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36 | Sqm | 5.4 | 855.52 | 4619.81 | 6.02 | 6.02 | 855.52 | 5145.95 | 0.00 | 0.00 | 0.00 | 5145.95 | 526.14 | | |
| 13 | KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34 | Sqm | 73.61 | 330.88 | 24356.08 | 80.87 | 80.87 | 330.88 | 26756.94 | 0.00 | 0.00 | 0.00 | 26756.94 | 2400.87 | | |
| 15 | KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37 | Sqm | 15.18 | 366 | 5555.88 | 16.32 | 16.32 | 366.00 | 5973.12 | 0.00 | 0.00 | 0.00 | 5973.12 | 417.24 | | |

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| No. | Description of Work | Unit | Qty | Rates | Amount | Total Executed Quantity | Qty. | Rates | Amount | Qty. | Rates | Amt | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2 | Cum | 18.23 | 6228.85 | 113551.94 | 19.03 | 19.03 | 6228.85 | 118511.03 | 0.00 | 0.00 | 0.00 | 118511.03 | 4959.10 | | |
| 23 | KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1 | Sqm | 121.68 | 1073.08 | 130572.37 | 192.58 | 152.10 | 1073.08 | 163215.47 | 40.48 | 1067.41 | 43213.19 | 206428.66 | 75856.29 | | |
| 24 | KSRB 5-15 : Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4, Pg No 27, Item No 5.28 | Sqm | 10.08 | 958.63 | 9662.99 | 19.31 | 12.60 | 958.63 | 12078.74 | 6.71 | 952.97 | 6398.22 | 18476.96 | 8813.97 | | |
| 26 | KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16 | Sqm | 172.8 | 309.35 | 53455.68 | 191.80 | 191.80 | 309.35 | 59334.41 | 0.00 | 0.00 | 0.00 | 59334.41 | 5878.73 | | |
| 28 | KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10 | Sqm | 165.43 | 237.96 | 39365.72 | 229.71 | 206.79 | 237.96 | 49207.15 | 22.92 | 236.83 | 5428.63 | 54635.78 | 15270.06 | | |
| 29 | KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22 | Sqm | 80 | 261.75 | 20940.00 | 90.29 | 90.29 | 261.75 | 23632.10 | 0.00 | 0.00 | 0.00 | 23632.10 | 2692.10 | | |
| 30 | providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll matecerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.128 Item No.15.106 | Sqm | 245.43 | 88.38 | 21691.10 | 320.00 | 306.79 | 88.38 | 27113.88 | 13.21 | 88.38 | 1167.34 | 28281.22 | 6590.12 | | |
| 31 | KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 119, I.No. 15.51.2 | Sqm | 165.43 | 101.98 | 16870.55 | 229.71 | 206.79 | 101.98 | 21088.19 | 22.92 | 101.98 | 2337.69 | 23425.88 | 6555.33 | | |
| 32 | KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications Pg No 119,Item No15.49.2 | Sqm | 80 | 133.71 | 10696.80 | 90.29 | 90.29 | 133.71 | 12072.01 | 0.00 | 0.00 | 0.00 | 12072.01 | 1375.21 | | |
| 33 | Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications (page no127, item no.15.103) | Sqm | 181.8 | 394.33 | 71689.19 | 199.72 | 199.72 | 394.33 | 78756.97 | 0.00 | 0.00 | 0.00 | 78756.97 | 7067.77 | | |

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| Sl. No. | Description of Work | Unit | Qty as per Estimate | | | Total Executed Quantity | Qty. upto 125% | | | Qty. above 125% | | | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rates | Amount | | Qty. | Rates | Amount | Qty. | Rates | Amt | | | | |
| 39 | KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, | Cum | 72.59 | 1126.34 | 81761.0206 | 90.29 | 90.285 | 1126.34 | 101691.61 | 0 | 0 | 0 | 101691.61 | 19930.59 | | |
| 40 | KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 60,Item No9.80 | Nos | 3 | 1547.86 | 4643.58 | 4.00 | 4.00 | 1547.86 | 6191.44 | 0.00 | 0.00 | 0.00 | 6191.44 | 1547.86 | | |
| 41 | KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 53,Item No9.11 | Cum | 0.37 | 99267.25 | 36728.88 | 0.46 | 0.46 | 99267.25 | 45911.10 | 0.00000 | 0.00 | 0.00 | 45911.10 | 9182.22 | | |
| 42 | KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. ( excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15 | Sqm | 7.56 | 5355.2 | 40485.31 | 10.47 | 9.45 | 5355.20 | 50606.64 | 1.02 | 5354.07 | 5453.12 | 56059.76 | 15574.45 | | |
| 43 | Providing and applying painting two coats (excluding priming coat ) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:121,Item no:15.60.1 | Sqm | 7.92 | 109.91 | 870.49 | 11.18 | 9.90 | 109.91 | 1088.11 | 1.28 | 109.91 | 140.47 | 1228.58 | 358.09 | | |
| 50 | Pg No 43,Item No 7.29 Fabrication supplying and erecting M.S. tubular trusses of all spans with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the. members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification | kg | 3784.27 | 125.78 | 475985.48 | 6156.05 | 4730.34 | 125.78 | 594981.85 | 1425.71 | 125.78 | 179323.28 | 774305.13 | 298319.65 | | |

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| Sl. No. | Description | Unit | Length | Breadth | Quantity | Previous Quantity | Present Quantity | Total Quantity | Amount | Previous Amount | Present Amount | Excess Amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.Pg No.299 Item No.38.30 | Sqm | 117.25 | 779.6 | 91408.10 | 135.24 | 135.24 | 779.60 | 105433.10 | 0.00 | 0.00 | 0.00 | 105433.10 | 14025.00 | | |
| 52 | Pg No 123,Item No 15.73 KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications page no 123 item no.15.73 | Sqm | 117.25 | 46.46 | 5447.44 | 135.24 | 135.24 | 46.46 | 6283.25 | 0.00 | 513.31 | 0.00 | 6283.25 | 835.82 | | |
| | **Grand total** | | | | **1307759.62** | | | | **1573763.34** | | | | **1833013.82** | **525254.20** | | |

**Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/ Approved Amount x 100**

(525254.20/3568724)x100 = 14.72%

**Percentage of Workslip** 14.72%

**Contractor**

**Assistant Engineer**

**Assistant Executive Engineer**

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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